

English Abstract for DE3315675

Abstract :

DE3315675 A

Light emission device for the simultaneous emission of infrared radiation and visible radiation consists of a central infrared luminescent element, surrounded by a fluorescent substance which converts infrared into visible radiation. The central element is a silicon doped GaAs light emitting diode, embedded in a transparent resin, e.g. silicone rubber or epoxy resin of hemispherical shape to act as a lens.

The surrounding fluorescent substance is actually distributed in a transparent resin and consists of particles from the family of fluorolanthanides.

This creates a ready and visible check that infrared radiation is actually being emitted.
(0/10)